

Title (en)

Ground shaping machine with one or more rollers

Title (de)

Maschine zum Bodenformen mit einer oder mehreren Walzen

Title (fr)

Machine de modelage du sol à un ou plusieurs rouleaux

Publication

EP 2636289 B1 20160629 (FR)

Application

EP 13158016 A 20130306

Priority

FR 1200719 A 20120309

Abstract (en)

[origin: EP2636289A1] The machine has a roller (11A) fitted with a flexible tire (13A), where bearings (37) are positioned at ends of the roller. A support (7A) of a frame is connected to one of the bearings through a suspension unit including a mechanism with an upper arm and a lower arm (121). The arms are horizontal and perpendicular to a rotation axis (XX) of the roller. Each arm is connected to the support and the bearing by a joint. The mechanism forms a deformable quadrilateral, and a vertical resilient return element (141) is connected to the support and the bearing by another joint. The resilient return element is a pneumatic or hydraulic jack.

IPC 8 full level

A01B 29/06 (2006.01); **A01B 29/04** (2006.01); **A01B 73/00** (2006.01)

CPC (source: EP US)

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DOCDB simple family (publication)

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EP 13158016 A 20130306; CA 2808194 A 20130225; FR 1200719 A 20120309; RU 2013110049 A 20130306; US 201313779037 A 20130227